



ALFRED CONHAGEN, INC. of LOUISIANA

1020 Industry Road, Kenner, Louisiana. 70062

Phone 504 471-9998 Fax 504 471-9958

www.conhagen.com

August 13, 2017

SWBNO

Attention: Ms. Jill Villio

Ref.: Emergency Pump Repairs
Conhagen Scope and Pricing
DPS #6 Horizontal Pump I

Ms. Villio,

Following is a brief Scope of Work and Cost to repair the referenced pump. We can mobilize within a day or 2 after given approval.

Pump I

- Mobilize to Station with Tools and Equipment
- Furnish Rigging and Tooling to Load Out Pump Rotor
- Transport Rotor to Conhagen Shop
- Inspect Rotor
- Repair Impeller Vanes by Welding and Machining
- Repair Shaft at bearing and packing fits
- Repair Bearing Housings
- Furnish New Bearings
- Furnish New Packing, Seals and Gasketing
- Complete Repairs of Submarine
- Grout Submarine
- Manufacture New Submarine Packing Box
- Weld and Machine Pump Casing at Impeller Fit
- Repair all Drain Lines and Oil Lines to Submarine
- Repair Trash Cutter
- Recondition Bearing Temperature Monitoring
- Transport Pump Rotor back to Station
- Install Bearings
- Build Bearing Housings
- Install Rotor in Casing
- Align Rotor to Gearbox
- Couple Rotor to Gearbox
- Run Pump and Check for Vibrations
- Field Balance Rotor
- Complete Assembly of Pump

- Install Packing and Seals
- Install Trash Cutter
- Install Structural Steel
- Install Vacuum Piping
- Install Lube Oil Piping
- Prepare Pump to Run
- Test Run Pump

Estimated Cost..... **\$1,690,216.00**

Estimated Time to Complete**11-13 weeks**

Completion time based on bearings being available within 7-8 weeks.

We do not have confirmation of this. If bearings have a longer lead time, Completion time will be adjusted accordingly.

If you have any questions, please contact us.

Sincerely,

Eric Heldingsfelder
Alfred Conhagen Inc. of Louisiana

SWBNO - EMERGENCY REPAIRS**13-Aug-17****DPS #6 Horizontal Pump I - Repair Pump**

Cost	Description
\$93,000.00	Mobilize to Station with Tools and Equipment
\$48,000.00	Furnish Rigging and Tooling to Load Out Pump Rotor
\$14,300.00	Transport Rotor to Conhagen Shop
\$37,500.00	Inspect Rotor
\$92,600.00	Repair Impeller Vanes by Welding and Machining
\$184,600.00	Repair Shaft at bearing and packing fits
\$48,700.00	Repair Bearing Housings
\$351,800.00	Furnish New Bearings
\$22,200.00	Furnish New Packing, Seals and Gasketing
\$45,700.00	Complete Repairs of Submarine
\$18,900.00	Grout Submarine
\$47,700.00	Manufacture New Submarine Packing Box
\$193,000.00	Weld and Machine Pump Casing at Impeller Fit
\$19,700.00	Repair all Drain Lines and Oil Lines to Submarine
\$65,000.00	Repair Trash Cutter
\$17,900.00	Recondition Bearing Temperature Monitoring
\$14,300.00	Transport Pump Rotor back to Station
\$17,100.00	Install Bearings
\$24,100.00	Build Bearing Housings
\$16,900.00	Install Rotor in Casing
\$31,500.00	Align Rotor to Gearbox
\$7,700.00	Couple Rotor to Gearbox
\$8,700.00	Run Pump and Check for Vibrations
\$18,516.00	Field Balance Rotor
\$156,000.00	Complete Assembly of Pump
\$7,200.00	Install Packing and Seals
\$11,200.00	Install Trash Cutter
\$16,800.00	Install Structural Steel
\$15,600.00	Install Vacuum Piping
\$10,700.00	Install Lube Oil Piping
\$18,900.00	Prepare Pump to Run
\$14,400.00	Test Run Pump
\$1,690,216.00	TOTAL

ECONOMICALLY DISADVANTAGED BUSINESS PARTICIPATION SUMMARY SHEET

Minimum Percentage Goal Participation for this Contract is 10 %

Contract Name

EMERGENCY PUMP REPAIRS - DPS # 1 & 11

Name and Address of Disadvantaged Business Enterprise Company	Name of Contact Person	Scope of Work to be Performed	Dollar Amount of work to be performed	Percentage of Dollar Amount to Total Bid Price
JL CONSTRUCTION GROUP 3024 TIFTON ST KENNER, LA 70065	DELMAR BRANCH	GENERAL CONSTRUCTION SERVICES AND LABOR SUPPORT	70,000	10%

THIS FORM MUST BE COMPLETED AND SUBMITTED BY ALL BIDDERS, ALONG WITH CORRESPONDENCE FROM SLDBE(S) ON THEIR OWN LETTERHEAD REAFFIRMING NEGOTIATED TERMS, AT TIME OF BID

BY SUBMITTAL OF THIS FORM, PRIME CONTRACTOR ACKNOWLEDGES THAT DBE(S) HAVE BEEN CONTACTED AND A FIRM PRICE HAS BEEN OBTAINED.

NOTE: Signature required even if judged NOT APPLICABLE by the BIDDER

Prime Name:

ERIC HEIDEN GSEFENDER

Print Name

Prime Company's Name:

ALFRED CONHAGEN INC OF LA

Prime Address:

1020 INDUSTRIAL ROAD

KENNER, LA 70062

Prime Signature:

[Signature]

Date:

8/17/17

E-mail:

eheid@conhagen.com

Telephone Number:

504 471 9998